

# ULTRA FLOOR Level it two





## Technical Data Sheet

### Two Part Latex Levelling Compound

#### Features

- ◆ Polymer Modified
- ◆ 2-10mm Depth
- ◆ Excellent Flow & Adhesion
- ◆ Low Odour Flexible Compound
- ◆ Under Floor Heating
- ◆ Non Shrink
- ◆ Protein Free
- ◆ Can be used under a DPM

A two part bag & bottle system, with latex for flexible floor levelling. Excellent flow and adhesion properties. Suitable for most common cementitious floor substrates, prepared tiles and timber floors.

				
2-10mm Bed Thickness	Open Time 20-30 Mins	Set Time 2.5 Hrs	Internal Floors	Lifetime Guarantee



# Two Part Latex Levelling Compound

## INFORMATION

Ultra Floor Level IT two is a two part self-levelling floor compound that combines excellent flow characteristics with strong adhesion properties through the inclusion of a synthetic latex liquid component. Suitable for use over cementitious floor substrates, hard adhesives residues, asphalt and timber, and can also be used under Ultra Floor DPMs.

## SURFACE PREPARATION

The surface being adhered to must be clean, firm, dry, free of dust, dirt, oil and grease or any other contaminating barriers. Remove any flaking or peeling layers. The substrate must be strong enough to support the weight of the adhesive and the covering being fixed. If Ultra Floor Level IT two is to be applied on wood, it should only be used as a coating of up to 5mm to smooth boards before overlaying tiles. Direct to earth sub-floors must have Ultra Floor DPM IT applied to them prior to the use of Ultra Floor Level IT two.

## TOOLS

- Suitable steel trowel
- Spiked roller
- Electric drill and paddle

## PRIMING

Porous surfaces should be primed using Ultra Floor Prime IT AR. Non-porous surfaces should be primed using Ultra Floor Prime IT N. This will help to increase bond strength and reduce the possibility of failure. Ultra Floor Prime IT AR should be diluted in the proportion of 1 part primer to 3 parts water and applied with a roller or brush. Allow the liquid to become translucent and nearly dry before applying Ultra Floor Level IT two leveller. Very porous substrates may require an initial coat diluted 5 parts water to 1 part primer before applying the above. Ultra Floor Prime IT N is always used neat.

## MIXING

Ultra Floor Level IT two powder should be added slowly to the latex and mixed for 3 minutes using a mechanical mixer. It should not be used with any other mixture, or diluted with water. The latex should be shaken and poured into a clean container, then the powder added slowly whilst stirring continuously. **Note:** Floor grade asphalt should not be given more than one single coat (i.e. not more than 5mm bed thickness).

## APPLICATION

The mixed material should be poured directly onto the prepared substrate and lightly trowelled to the required thickness with a solid bed trowel to achieve a smooth surface texture. Prime substrate if very porous. At 3mm bed thickness, one mixed bag of Ultra Floor Level IT two will cover 5.2m<sup>2</sup>. We recommend a set time of approximately 2-3 hours. These set times are dependent upon temperature and substrate and are based on laboratory tests conducted at 20°C.

## CLEANING

Tools should be thoroughly cleaned in water to remove excess materials immediately after use.

## TECHNICAL DATA

Packaging:	5ltr Bottle / 25kg Bag
Working Time:	20-30 Minutes @ 20°C
Time to Foot Traffic:	2.5 Hours @ 20°C
Time to Cover:	1 Day up to 6mm 3 Days up to 10mm
Application Thickness:	2-10mm
Protein Free:	Yes
Coverage @ 3mm:	Approximately 6m <sup>2</sup>
Consumption/mm Thickness:	1.60kg/mm/m <sup>2</sup>
Suitable for Pump Application:	No
Compressive Strength: (to BS EN 13892-2)	28 Days: 31.25 N/mm <sup>2</sup> 7 Days: 22.30 N/mm <sup>2</sup> 1 Day: 8.17 N/mm <sup>2</sup>
Flexural Strength: (to BS EN 13892-2)	28 Days: 10.17 N/mm <sup>2</sup> 7 Days: 4.61 N/mm <sup>2</sup> 1 Day: 2.03 N/mm <sup>2</sup>
Storage:	<b>Bag:</b> Store in sealed original bag at temperatures between 5°C and 30°C. Avoid frost. This product must be stored in unopened bags clear of the ground in cool dry conditions and protected from excessive drafts. If stored correctly and used within 6 months of the date shown on the bag, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2 ppm) soluble Chromium (VI) of the total dry weight of the cement. <b>Bottle:</b> Store in closed original containers at temperatures between 5°C and 30°C. Protect from frost.
Shelf Life:	6 months in correctly sealed bags.

## QUALITY ASSURANCE

All products are manufactured in a plant, the quality management system of which is certified/registered as being in conformity with BS EN ISO 9001, ISO 14001 and OHSAS 18001. Ultra Floor products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. However, we cannot accept responsibility arising from the application or use of our products because we have no direct or continuous control over where and how our products are used. All Ultra Floor products are sold subject to our terms and conditions of sale, copies of which may be obtained upon request.

## HEALTH & SAFETY

Please ensure that appropriate PPE is used when preparing, mixing and applying products. Always wash hands before consuming food and make sure that materials are kept safely out of reach of children and animals. Please dispose of packaging and waste appropriately. A full Material Safety Data Sheet relating to this product is available from [www.instarmac.co.uk](http://www.instarmac.co.uk)

### POWDER ONLY CONTAINS PORTLAND CEMENT

- R41 Risk of serious damage to eyes • R43 May cause sensitisation by skin contact • S24/25 Avoid contact with skin and eyes • S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice • S37/39 Wear suitable gloves and eye/face protection.